HEL D1.3 Mouse IgG2c Isotype Control Antibody | PA007153.m2c

Catalog No.: PA007153.m2c | **Product Name:** In vivo Grade Recombinant HEL D1.3 Mouse IgG2c Isotype Control Antibody | **In Vivo Grade / Recombinant Antibody**

Recombinant anti-HEL isotype control antibodies and Fc silenced mutants from clone HEL D1.3 good for in vitro and in vivo studies. Low or no specific binding to human, rat, and mouse samples tested. "Humanized" means the variable regions were humanized.

Product Specifications

Catalog No.	PA007153.m2c
Product Name	In vivo Grade Recombinant HEL D1.3 Mouse IgG2c Isotype Control Antibody
Synonyms	Anti-HEL Isotype Control, Recombinant HEL D1.3 Isotype Control, HEL D1.3 Negative Control Antibody
Summary	The In vivo Grade Recombinant HEL D1.3 Mouse IgG2c Isotype Control Antibody was produced in mammalian cells.
Clone	HEL D1.3
Isotype	Mouse IgG2c, kappa
Applications	an isotype-matched negative control for mouse anti-HEL IgG1 kappa antibodies used in ELISA, Western Blot (WB), Flow Cytometry (Flow), Immunoprecipitation (IP), Immunohistochemistry (Paraffin) (IHC (P)), Immunohistochemistry (Frozen) (IHC (F)), and in vivo animal model research.
Immunogen	hen egg-white lysozyme (HEL).
Source / Host	Mammalian cells / Mouse
Formulation	0.2 uM filtered solution of 1x PBS. Non-conjugated.
Endotoxin	Less than 1 EU/mg of protein as determined by LAL method.
Purity	**>95%** by SDS-PAGE under reducing conditions.
Shipping	The In vivo Grade Recombinant HEL D1.3 Mouse IgG2c Isotype Control Antibody is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 1 month from date of receipt, 2 to 8°C as supplied. 3 months from date of receipt, -20°C to -70°C as supplied.
Note	Recombinant anti-HEL isotype control antibodies and Fc silenced mutants from clone HEL D1.3 good for in vitro and in vivo studies. Low or no specific binding to human, rat, and mouse samples tested. "Humanized" means the variable regions were humanized.

Biological Description & Background

PA007153.m2c: Recombinant HEL D1.3 Mouse IgG2c Isotype Control Antibody (Clone: HEL D1.3), In vivo Grade.

The anti-HEL monoclonal antibody (hen egg-white lysozyme) in nature is suitable for use as an isotype-matched control antibody to estimate the degree of non-specific binding by an antigen-specific antibody. The HEL D1.3-based recombinant isotype control and mutants (natural and engineered isotype controls) are useful for in vitro and in vivo studies from ELISA, Western blot (WB), to cell-based assay to animal model study. As an ideal recombinant mouse IgG1 isotype control, the recombinant HEL D1.3 mIgG1 kappa isotype control has low or no specific binding to any mouse sample, and completely mouse variable regions and the mouse IgG1 kappa constant regions. The mouse IgG1 kappa isotype control and mutants can be used in ELISA, WB, the cell-based assay or animal model as the antibody negative control.

Please contact us to ask for a quote for the engineered HEL D1.3 isotype control mutants, isotype control and mutants with Avi-, His-, and Flag-tags, and biotinylated isotype control and mutants. A variety of conjugates (such as dyes and fluorophores) with the anti-HEL isotype control and mutants are available.

For human T cell research, Syd Labs OKT3 antibodies are also available.

Ordering & Technical Support

For custom volume ordering or inquiries, please visit the product webpage or contact our support team:

- **Product Webpage:** https://www.ushelf.com/hel-d1-3-mouse-igg2c-isotype-control-pa007153-m2c/
- **Order Phone:** 1-617-401-8149 | **Fax:** 1-617-606-5022
- **Support Email:** message@sydlabs.com